

## **SYSTEM FOR HIGH EFFICIENCY SPACECRAFT ORBIT TRANSFER**

### **ABSTRACT OF THE DISCLOSURE**

The present invention relates generally to systems and methods for transferring a spacecraft from a first orbit to a second orbit. In accordance with one embodiment of the invention, the method comprises calculating thruster-off regions within an orbit transfer in which it is efficient to turn-off spacecraft thrusters, and in those thruster-off regions, turning off the spacecraft thrusters.

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